JUN: 0 5 2006

Sheet

PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
ork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Under the THADE Complete if Known flute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Application Number** 10/532,651 Filing Date April 25, 2005 First Named Inventor Takaaki Miyamoto 2064 2853 Not Yet Assigned AN Art Unit Examiner Name 075834.00537 Attorney Docket Number

ſ			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AD		<sup>US-</sup> 2003/0151646	08-14-2003	Miyamoto et al.	
		<sup>115</sup> 2003/0110532	08-28-2003	Cantoruvo et al.	
<del></del>	<del> </del>	US-	00 20 2000		
		US-			
<u> </u>	<del>                                     </del>	US-			
<b></b>	<u> </u>	US-			
l		US-			
		US-			
· · · · · · · · · · · · · · · · · · ·		US-			
	1	us-			
		US-			
		US-			
		UŞ-			
		US-			
<u> </u>		US-			
	1	US-			

FOREIGN PATENT DOCUMENTS  Examiner   Cite   Foreign Patent Document   Publication   Name of Patentee or   Pages, Columns, Lines,								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Applicant of Cited Document		١,		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)	MM-DD-YYYY			Ľ		
AD		JP 2003-237089	08-26-2003	Sony Corp		L		
						L		
,								
						L		
						Г		

Examiner Signature	/An Do/	Date Considered	12/14/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Pattent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Iransiation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2005, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

NOV 0 8 2006

THADEN

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 1

Col	mplete if Known	•
Application Number	10/532,651	_
Filing Date	April 25, 2005	
First Named Inventor	Takaaki Miyamoto et al.	
Art Unit	2853	
Examiner Name	An H. Do	
Attorney Docket Number	075834.00537	

			U. S. PATENT D	OCUMENTS		
Examiner Initials*	Number-Kind Code <sup>2</sup> (1 foreurs)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
· · · · · · · · · · · · · · · · · · ·	1	US-				
	2	US-				
	3	US-				
•	4	US-				
	5	US-				
	6	US-				
	7	US-				
	8	US-				
	9	US-				
	10	US-				
	11	US-		/		
	12	US-				
	13	US-				
	14	US-				
	15	US-				
	16	US-	<u> </u>			
	17	US-				
	18	UŞ-	<u> </u>			
	19	US-	1			

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>8</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
AD	1	JP 2001-094094	04-06-2001	Hitachi Ltd.		
AD	2	JP 2002-094054	03/29/2002	Hitachi Ltd.		
AD	3	JP 2000-108355	04/08/2000	Fuji Xerox Co. Ltd.		
AD	4	JP 10-138484	05/26/1998	Canon Inc.		
	5					L
	6					1

Examiner Signature	/An Do/	Date Considered	12/14/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patient Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CER 1.97 and 1.98. The information is required to obtain or retain a heartiff by the public which is 10 file (and by the

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

## **LIST FOR IDS**

[3	SO	NY REF							US SERIAL	NO.	IDS TIMING	
	S0	4P105	7US00						10/532651		OA (JP)	
b	CO	RRESP	ONDING	JAPA	NESE PATE	NTA	APPLICA	TION		]	<u> </u>	
		JP	200		303853		OA issue	d on:	2006/8/21	<u> </u>	[ATG-CASE]	
	PA	TENT D	OCUME			·	-			4	ENGLISH EQUIVALENT	
AD	1	JPA		2001	- 094094	(	JPA	2001	094094	)		
AD	2	JPA		2002	- 094054	( -	JPA	2002	094054	)		
	3									)		
Γ	4					T				)		. ]
	5									)		
	6					Ť				)	1	
1	7					$\dagger$				)		
	8					$\dagger$		-	•	<del>}                                     </del>	<u>.                                    </u>	
	9					+				<del>`</del>	•	
	10					+			<del> </del>	<del>;</del>  -	i 1	
-	11					┿				+		
-	12					+		_		)	<u> </u>	
<b>⊢</b>	-			<u> </u>		╁			<del></del>	<u> </u>		
⊢	13					$\dotplus$				<u>)                                    </u>		
_ <b>⊢</b>	14					∔_				)		
	15					L	·		<u>.                                    </u>	)		
	10	N-PATE	NT DOC	UMEN	T(S)				***		ENGLISH	<del></del> 1
	1						_					
	2											
	3		<del> </del>									
	4				<del></del>		/					
	5											
	6	/		*								
_		/A:	n Do/						()		12/14/2006	